

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1166425

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feel
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
GG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chlorida contenti
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

CORRECTION #1

1166425

Operator Name:	Lease Name: Well #:
Sec TwpS. R East West	County:

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken		Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
(Attach Additional She Samples Sent to Geolog Cores Taken Electric Log Run Electric Log Submitted E	jical Survey	☐ Yes ☐ Yes ☐ Yes ☐ Yes	 No No No No 	Nam	e		Тор	Datum
(If no, Submit Copy) List All E. Logs Run:								
			CASING F	RECORD N	w Used			
		Report all	strings set-co	onductor, surface, inte	ermediate, producti	ion, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In C		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge F Each Interval		e	ļ		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed P	roduct	ion, SWD or ENH	۶.	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
						1			1	
DISPOSITION	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	TERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually		Commingled (Submit ACO-4)		
(If vented, Subm	nit ACC	-18.)		Other (Specify))					

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Arlene 2
Doc ID	1166425

Tops

Name	Тор	Datum
Anhy.	1458	(+ 592)
Base Anhy.	1498	(+ 552)
Topeka	3015	(- 965)
Queen Hill	3110	(-1060)
Heebner	3221	(-1171)
Lansing	3262	(-1212)
Muncie Creek	3318	(-1331)
ВКС	3463	(-1414)
Arbuckle	3513	(-1463)
LTD	3573	(-1523)



BILL TO

Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827 RECEIVED

JUN 1 4 2012

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	0. L	Lease	County	Contractor	We	II Туре	W	ell Category	Job Purpos	e	Operator
Net 30	#2	A	Arlene	Rooks	Express Well Serv		Oil	D	evelopment	Cement Port Co	ollar	Don
PRICE I	REF.			DESCRIPT	ION		QTY	(UM	UNIT PRICE		AMOUNT
575D 576D-D 290 104 330 276 581D 583D		D-Air 5 1/2" Por Swift Mul Flocele Service C Drayage Subtotal	arge - Port (ort Collar To	Standard (MID nt				40 1 1125 50 200 7.06	Job Gallon(s) Each Sacks Lb(s) Sacks	6.00 1,250.00 35.00 250.00 16.50 2.00 1.00 6.30%		240.00 1,250.00 70.00T 250.00T 2,062.50T 100.00T 400.00 597.06 4,969.56 156.40
We Ap	prec	ciate `	Your B	Business	5!			1	Tota			\$5,125.96

Thank You!	2						mente	Allow to
		listed on this ticket.	s receipt of the materials and services listed on this ticket	wledges receipt of the I	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges	CUSTOMER ACCEPTANCE OF MA		
5125 96	TOTAL	RESPOND	DID NOT WISH T		/85-/98-2300	200		le-11-12
	0 000	NO	RVICE	ARE YOU SATISFIED	0907	VED XI A.M.	TIME SIGNED	DATE SIGNED
156 40	TAX		DB	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		AGENT PRIOR TO	START OF WORK OR DELIVERY OF GOODS	START OF WORK OR DE
			AND IUT DELAY?	WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.	LIMITED WARRANTY provisions.	ANTY provisions.	LIMITED WARRANTY provisions
25 69 6k	PAGE TOTAL		ERFORMED WN?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	REMIT PAYMENT TO:	the terms and conditions on the reverse side hereof which include,	ditions on the reverse s	the terms and con
- H		DECIDED	AGRE	SURVEY		LEGAL TERMS: Customer hereby acknowledges and agrees to	Customer hereby acki	LEGAL TERMS:
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1250 00	125000	14/08 14.	1100)	Pamp Charge - Cut Portcallar	/		57% D
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AMOUNT	UNIT	QTY. UM	QTY. UM		DESCRIPTION	R LOC ACCT DF	SECONDARY REFERENCE/ PART NUMBER	FERENCE
						INVOICE INSTRUCTIONS	INVOICE	KEFEKKAL LUUA HUN
				@ 1468'	Cencent Bet Collar	1 inficial	0.1	4
	WELLLOCATION	KS WELL	Nus/Zurich,		EGORY JOB PURPOSE	ELL TYPE WELL CATEGORY	WELL TYPE	3.
	ORDER NO.	ORDE	DELIVERED TO			CONTRACTOR	TICKET TYPE	2. IVess City
R		DATE	CITY	STATE C	COUNTY/PARISH	WELL/PROJECT NO.	WELL/PF	1. Hay 5, KS
OF	PAGE 1				DE	CITY, STATE, ZIP CODE	Services, Inc.	Sen
9	Nº 21789					ADDRESS		
•	TICKET				Patra len m	CHARGE TO:	WIFT	S

JOB LO)G)		Servi	ices, Inc.	DATE PAGE NO.
CUSTOMER	ine Petri	pour	WELL NO.			LEASE Arlene		JOB TYPE Concent	TICKET NO. 21789
CHART	TIME	RATE	VOLUME	PUM		PRESSURE	: (PSI)		
NO		(BPM)	(BBL) (GAL)	<u> </u>	C	TUBING	CASING	/	A
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BILL TO

Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827 RECEIVED

JUN 0 6 2012

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	lo. Lease	County	Contractor	We	II ⊤ype	W	ell Category	Job Purpos	e Operator
Net 30	#2	Arlene	Rooks	Mallard JV		Oil	D	evelopment	LongString	Nick
PRICE	REF.		DESCRIPT	ION		QTY	(UM	UNIT PRICE	AMOUNT
575D 578D-L 221 281 290 402-5 403-5 404-5 406-5 407-5 409-5 414-5 325 330 276 283 284 285 581D 583D		Mileage - 1 Way Pump Charge - Lo Liquid KCL (Clay Mud Flush D-Air 5 1/2" Centralizer 5 1/2" Centralizer 5 1/2" Centralizer 5 1/2" Port Collar 5 1/2" Latch Down 5 1/2" Insert Float 5 1/2" Turbolizer 5 1/2" Limit Clamp Standard Cement Swift Multi-Densit Flocele Salt Calseal CFR-1 Service Charge Cen Drayage Subtotal Sales Tax Rooks C	ñx) ket Plug & Baffle Shoe With Auto y Standard (MID nent				500 5 50	Miles Job Gallon(s) Gallon(s) Each Each Each Each Each Sacks Sacks Lb(s) Lb(s) Sack(s) Lb(s) Sacks Ton Miles	$\begin{array}{c} 6.00\\ 1,500.00\\ 25.00\\ 1.25\\ 35.00\\ 70.00\\ 250.00\\ 2,400.00\\ 250.00\\ 350.00\\ 90.00\\ 30.00\\ 13.50\\ 16.50\\ 2.00\\ 0.20\\ 35.00\\ 4.00\\ 2.00\\ 1.00\\ \end{array}$	240.00 1,500.00 100.00T 625.00T 70.00T 750.00T 2,400.00T 250.00T 350.00T 1,350.00T 1,237.50T 100.00T 175.00T 200.00T 350.00 535.00 11,062.50 531.56
We Ap	pre	ciate Your	Busines	5!				Total		\$11,594.06

5	285	185											<u>)185</u>	284	283	276	330	325	PRICE	Services	NNS NNS
					•							na mangang na mangang na mangang na mangang na mangang na mangang na mangang na mangang na mangang na mangang n			a na an an an an an an an an an an an an				SECONDARY REFERENCE/ PART NUMBER	line.	
	2	2											2	2	2	2	2	2	CE/ ACCOUNTING LOC ACCT DF	Off: 785-798-2300	PO Box 466.
	CHARGE 10TAL WEIGHT	HARGE											CFR-1	Calseal	Selt	Floceler	~	Standard Ce.		CUSTOMER / COMING PE	TICKET CONTINUATION
8	LOADED MILES 5-35	651	 	 	 	 	 		 	 	 		74 105	5 shs	500 H	±1/10-5	52	olsks	OTTY. UMM QTTY.	trateurn WELL #2 Arlone	
CONTINUATION TOTAL 4047 50	0 - 25 00 0	255	 	 		 	 	· · · · · · · · · · · · · · · · · · ·			 		4 60 200 0d	35 00 175 00	8 14	0	22		UNIT AMO	DATE 1-12 PAGE OE	тіскет No. 21447

CUSTOMER Paloning Petroleum WELL NO. Hz LEASE JOB TYPE TICKET NO. Paloning Petroleum WELL NO. Hz LEASE JOB TYPE Longstring TICKET NO. CHART TIME RATE VOLUME PUMPS PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS 2200 2200 01/00 01/00 01/00 11/00	947
CHART TIME RATE VOLUME PUMPS PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS NO. (BPM) (BBL) (GAL) T C TUBING CASING DESCRIPTION OF OPERATION AND MATERIALS	
2200 ONOC WIFE	
RTD 3572'	
Cent 1, 3, 5, 7, \$0, 12, 14, 52	
Basket 2.4.53	
0005 Start FE	
0135 Break Circ,	
0145 2.5 718 Plug RH 4 MH 30/20 5MD	
0150 4 0, 200 Start Mudflush	
4 12/0 200 Start KChflush	
0958 5 20/0 250 Start SMD Compat 25sks	
0200 5 15/0 250 Start EA-2 Cement 100sks	
0205 24 End Cement	
0210 6.5 0 200 Start Displacement	·
0210 6.5 0 200 Start Displacement	
10210 5 10 1250 C + C +	
0225 87 Place Land Plug	
0225 87 0400 Land Plug Release Presserre Flogt Held	
FlogtHeld	
Thank you	
Nick, Dan & Russ.	



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827



RECEIVED

Invoice Number: 131295 Invoice Date: May 26, 2012 Page: 1



Well Name/# or Customer P.O.	Payment	Payment Terms					
Arlene #2	Net 30 [Days					
Camp Location	Service Date	Due Date					
Great Bend	May 26, 2012 6/25/12						
Description	Unit Price	Amount					
	Arlene #2 Camp Location Great Bend	Arlene #2 Net 30 I Camp Location Service Date Great Bend May 26, 2012					

Quantity	Item		Description	Unit Price	Amount
150.00	MAT	Class	A Common	16.25	2,437.50
3.00	MAT	Gel		21.25	63.75
5.00	MAT	Chlor	ide	58.20	291.00
162.09	SER	Hand	lling	2.10	340.39
35.00	SER	Ton M	Miles	17.39	608.65
1.00	SER	Surfa	ce	1,125.00	1,125.00
35.00	SER	Heav	y Vehicle Mileage	7.00	245.00
35.00	SER	Light	Vehicle Mileage	4.00	140.00
1.00	EQUIP OPER	Greg	Redetzke		
1.00	EQUIP OPER	Kerry	Rose	2	
1.00	EQUIP OPER	Kevin	n Eddy		
ALL PRICES AF	RE NET, PAYABLI	=	Subtotal		5,251.29
	OWING DATE OF		Sales Tax	1	175.91
INVOICE. 11	/2% CHARGED		Total Invoice Amount		5,427.20
	IF ACCOUNT IS		Payment/Credit Applied		-,
CURRENT, TAP	KE DISCOUNT OF	-	TOTAL		5 497 90
\$ 13/2	.82		TOTAL		5,427.20
	Concerned and Approximate constants				



ALLIE, OIL & GAS SERVICE, LLC 053543

Federal Tax I.D.# 20-5975804

REMIT TO	P.O. BOX 31
	RUSSELL, KANSAS 67665

 $\mathsf{SIGNATURE} _^{\times}$

lun ligh

SERVICE POINT;

			(75097	BER A. KS
DATE SEC. 7 TWP. RANGE 19	CALLED OUT	ON LOCATION	JOB-START	JOB FINISH
LEASE AFTERS WELL # 2 LOCATION ZUTIC	K HE. 3	north.	COUNTY KOOKS	STATE
OLD OR NEW (Circle one) 11/4 west	Jouth		14013	1 /2-
	- <u>3641</u> M			
CONTRACTOR Mailard	OWNER	Palomi	No	
TYPE OF JOB JUT Face				
HOLE SIZE / 2 1/4 T.D. 205 CASING SIZE 8 2/4 DEPTH 208	CEMENT	1-1	- 1-	
	AMOUNT OR	DERED <u>150</u> A 3% C	SRS	<u>r</u>
TUBING SIZE DEPTH DRILL PIPE DEPTH	6.1999	A 270 C	c × 10	92/
TOOL DEPTH	-			
PRES. MAX MINIMUM	COMMON	150	Q 11.25	2.437.50
MEAS. LINE SHOE JOINT	POZMIX	100		2.101
CEMENT LEFT IN CSG. 15 4F.	GEL	3	@	63.75
PERFS.	CHLORIDE	5		291.00
DISPLACEMENT 12. 294 BBL.	ASC		@	- <u></u>
EQUIPMENT			@	6
			@	1
PUMPTRUCK CEMENTER Grea R	-		@	1
# 366 HELPER Kerry K	-		0	
BULK TRUCK	-		~	
# 378 DRIVER KEVINE			@	
BULK TRUCK	-		_@	
# DRIVER			_@	
	- HANDLING_		@ 2.10	340.30
	MILEAGE	14 x 35 x	2.35	608.65
REMARKS: <u>life on bottom break circulation</u> <u>with rig west Hook up to</u> <u>Centent Pump. MIX 150 sks (1945</u> <u>356 cc 2.70 gel.</u> Diploce with 123	- A	SERVI	CE	3.741.28
				**
Alph Areshingster. Shut in Alement dia circulates		K CHARGE		,00
Ná CRUM C Qui	EXTRA FOOT	AGE 33	=@	
The dawn of 150m				245.59
- Pragenoon - 12 pm	- MANIFOLD _	hum 35	@ 1.00	140.00
0		hom 33		140.
			_@	·
CHARGE TO: PG/0/MILLO	-			00
STREET	_		TOTAL	1510.00
CITYSTATEZIP	-	PLUG & FLOAT	FEOUIPMEN	T
ъ				
			0	
	**************************************	. (⁴	_@	
	401-51-51 (Friday) (Friday) (Friday)			
To: Allied Oil & Gas Services, LLC.				
You are hereby requested to rent cementing equipment	*******		_@	
and furnish cementer and helper(s) to assist owner or				-
contractor to do work as is listed. The above work was				
done to satisfaction and supervision of owner agent or			TOTAL	·
contractor. I have read and understand the "GENERAL				
TERMS AND CONDITIONS" listed on the reverse side	SALES TAX (If Any)	0	
	TOTAL CHAT	RGES 5.251	. 38	
L) JAN St. TX	2.5%	1.312	. 02	
PRINTED NAME - Jussin McDonald	_ DISCOUNT _	-	IF PAI	D IN 30 DAYS

3.938.76



DRILL STEM TEST REPORT

Prepared For:

4.3

*

pr: Palomino Petroleum Inc.

4924 SE 84th St Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

 Start Date:
 2012.05.30 @ 07:49:05

 End Date:
 2012.05.30 @ 12:34:39

 Job Ticket #:
 47339
 DST #:
 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.06.04 @ 16:01:20

TestTing, Inc Paddmine Percention Percention Percention Percention Percention 17-95-19W Rooks,KS 4924 SE 84th St New ton KS 67114+ 8827 Artene #2 Job Ticket: 47339 DST#:1 ATTN: Ken Wallace Test Start: 2012.05.30 @ 07.49:05 GENERAL INFORMATION: Formation: Formation: LKC*B-D* Deviated: No Whipstock: ft (KB) Time Test Ended: 12:34:39 Theration: 206.00 ft (KB) (TVD) Total Depth: 328.00 ft (KB) (TVD) Start Date: 2012.05.30	RILOBITE	DRILL STEM TES	ST REP	ORT	"o" kaske ku			
New ton KS 67114+ 8227 ATN: Ken Wallace Job Ticket: 47339 DST#:1 ATN: Ken Wallace Test Start: 2012.05.30 @ 07.49:05 GENERAL INFORMATION: Formation: LKO"B-D" Devided: No. Withpstock: f1 (KB) The Tool Openet: 09:36:10 Test Type: Conventional Bottom Hole (Initial) The Tool Openet: 09:36:10 Test Type: Conventional Bottom Hole (Initial) The Tool Openet: 3288.00 f1 (KB) TO 3328.00 f1 (KB) TO 3288.00 f1 (KB) Total Depth: 3328.00 f1 (KB) TO 3328.00 f1 (KB) 2045:00 f1 (CF) Presse@RunDepth: 7.88 inchesHale Condition: Poor KB to GPVCF: 5.00 f1 (EB) Serial #: 2012.05:30 End Time: 2012.05:30 East Callo:: 2012.05:30 @ 09.95:00 Start Time: 077.49:05 End Time: 12:34:40 Time Off Btrr: 2012.05:30 @ 11:08:30 TEST COMMENT: F1(fsmin) No Beavr FE/(fsmin) No Beavr FE/(fsmin) No Beavr 12:34:40 Time Off Btrr: 2012.05:30 @ 11:08:30 TEST COMMENT: F1(fsmin) No Reavr Time Time Off Btrr: 2012.05:30 @ 11:08:30 Test Start: 10:0		1		17.	-9s-19w	Rooks,K	S	
ATTN: Ken Wallace Test Start: 2012.05.30 @ 07.49:05 GENERAL INFORMATION: Formation: LKC*B-D* Deviated: No. Whipstock: ft (KB) The Tool Openat: 09:36:10 Test Type:: Conventional Bottom Hole (Initial) The Tool Openat: 09:36:10 Test Type:: Conventional Bottom Hole (Initial) The Tool Openat: 09:36:10 Test Start: 2012.05.30 @ 07.49:05 Interval: 3286.00 ft (KB) To 3328.00 ft (KB) (TVD) Hole Diameter: 7.08 inheshble Condition: Poor KB to GRCF: 5.00 ft Serial #: 8372 Outside Capacity:: 9000.00 psig Press@RunDepth: 45.27 psig 3290.00 ft (KB) Capacity:: 9000.00 psig Start Date: 2012.05.30 End Date: 2012.05.30 End Time: 12:3:4:40 Time Off Btm: 2012.05.30 @ 11:08:30 TEST COMMENT: F:(15min) No Blow F:(15min) No Blow F:(15min) No Blow Est(30min) No Return Time off Btm: 2012.05.30 @ 11:08:30 Test Start: Difference Suburble(1) 1361.89 100.070 Initial Hydro-static 105:0 Test Stree Time off Btm: 2012.05	ESTING, INC	1 4024 02 0411 01				7339	DST#	• 1
ILKC*B-T Deviation: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial) Time Tool Opened: 09:36:10 Test: Andy Carreira Time Tast Ender 3286.00 ft (KB) To 3228.00 ft (KB) (TVD) Reference Elevations: 2050.00 ft (KB) Interval: 3228.00 ft (KB) (TVD) Reference Elevations: 2050.00 ft (KB) Sorial #: 8372 Outside Capacity: 8000.00 psig Press@RunDepth: 45.27 psig 3290.00 ft (KB) Capacity: 8000.00 psig Start Date: 2012.05.30 End Date: 2012.05.30 @ 11:08:30 End Time: 12:34:40 Time On Btm: 2012.05.30 @ 09:35:00 TEST COMMENT: Er(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow. Er(30min) No Return Pressure (Mm) Temp (Fish) Annotation Option Pressure v: Time Time (Mm) Pressure (Temp) Annotation Manotation Option Pressure v: Time Time (Mm) Pressure (Temp) Annotation Manotation Option Option Option Pressure (Mm) Pressure (Mm) Temp (Fish) Monotatio		ATTN: Ken Wallace						
Deviated: No Whipstoch: ft (KB) The Tool Openet: 09:36:10 The Tool Openet: 09:36:10 Tool Depte: 3328.00 ft (KB) (TVD) No Estimate: 7.88 inchesHole Condition: Poor Serial #: 8372 Outside Press@RunDepth: 45:27 psig @ 3290.00 ft (KB) Start Date: 2012.05:30 Start Time: 07:49:05 End Time: 12:34:40 Time On Bim: 2012.05:30 @ 11:08:30 TEST COMMENT: Er:(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow. ISI(30min) No Return FF:(15min) No Bow FSIt(30min) No Return FF:(15min) No Return FF:(15min) Mo Blow FSIt(30min) No Return FF:(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow. ISI(30min) No Return FF:(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow. ISI(30min) No Return FF:(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow. ISI(30min) No Return FF:(15min) Mo Blow FSIt(30min) No Return Ff:(15min) Mo Blow FSIT Diff: Final Hydro-static Final Hydro-static	GENERAL INFORMATION:	Į						
Total Depth: 3328.00 ft (KB) (TVD) 2045.00 ft (CF) Hole Diameter: 7.88 inchesHole Condition: Poor KB to GRVCF: 5.00 ft Serial #: 8372 Outside 0 800.00 psig 1234.00 ft (KB) 2012.05.30 100.00 psig Start Date: 2012.05.30 End Date: 2012.05.30 12:34.40 Time On Btm: 2012.05.30 @ 09:35:00 TEST COMMENT: Ff:(15min) No Blow Died in 5 min. Flush Tool, Surge, No Blow. Strifter 2012.05.30 @ 11:08:30 TEST COMMENT: Ff:(15min) No Blow Recovery Time Time Pressure View (Min.) Time Pressure Term Annotation 0 0 0 0 100.06 Open To Flow (1) Initial Hydro-static 0 <td< td=""><td></td><td>ft (KB)</td><td></td><td>Tes</td><td>ter:</td><td>Andy Carre</td><td></td><td>ole (Initial)</td></td<>		ft (KB)		Tes	ter:	Andy Carre		ole (Initial)
Note that is the first state of the second	Total Depth: 3328.00 ft (KB) (T	VD)		Ref			2045.00) ft (CF)
Press@RunDepth:: 45.27 psig @ 3290.00 ft (KB) Start Date: 2012.05.30 End Date: 2012.05.30 Last Calib.: 2012.05.30 Q 09:35.00 Time On Btrr: 2012.05.30 @ 09:35.00 Time Off Btrr: 2012.05.30 @ 11:08:30 TEST COMMENT: IF:(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow. St(30min) No Return FF:(15min) No Blow FSt(30min) No Return FF:(15min) No Return FF:(15min) No Blow FSt(30min) No Return FSt(30min) No Return FF:(15min) No Blow FSt(30min) No Return FSt(30min) No Ret							5.00	5 11
SI:(30min) No Return FF:(15min) No Blow FSI:(30min) No Return PRESSURE SUMMARY Time PRESSURE SUMMARY 0 1581:89 100.70 Initial Hydro-static 2 39.64 100.06 Open To Flow (1) 48 819.76 101.09 End Shut-In(1) 48 819.76 101.09 End Shut-In(1) 49 43.24 100.73 Open To Flow (2) 58.1 100.06 Shut-In(1) End Shut-In(2) 63 45.27 100.96 Shut-In(2) 63 45.27 100.96 Shut-In(2) 94 1562.58 102.06 Final Hydro-static 0 1562.58 102.06 Final Hydro-static	Press@RunDepth:45.27 psigStart Date:2012.05.30	End Date:		Last Cali Time On	b.: Btm: :		2012.05.30 @ 09:35:00)
Image: Construction Image: Construction Image: Construction Annotation Image: Construction Image: Con	ISI:(30min) No F FF:(15min) No E	eturn Iow	Blow .					
Image: Non-Static Pressure (here) Annotation 400 1				,				
2 39.64 100.06 Open To Flow (1) 4 42.71 100.58 Shut-In(1) 5 101.09 End Shut-In(1) End Shut-In(2) 63 45.27 100.96 Shut-In(2) 94 744.32 101.57 End Shut-In(2) 94 1562.58 102.06 Final Hydro-static Gas Rates						Annotati	оп	
18 42.71 100.58 Shut-In(1) 18 42.71 100.58 Shut-In(1) 19 43.24 100.73 Open To Flow (2) 63 45.27 100.96 Shut-In(2) 94 744.32 101.57 End Shut-In(2) 94 1562.58 102.06 Final Hydro-static Gas Rates				1 1				
48 819.76 101.09 End Shut-In(1) 48 819.76 101.09 End Shut-In(1) 48 819.76 100.73 Open To Flow (2) 50 45.27 100.96 Shut-In(2) 94 744.32 101.57 End Shut-In(2) 94 1562.58 102.06 Final Hydro-static Gas water (frigg) Owned water (frigg) Owned water (frigg) Call of the final Hydro-static			1	1 1		1 ·		
700 100.96 Shut-In(2) 94 744.32 101.57 94 744.32 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 94 1562.58 102.06 95 102.06 104.04 96 104.04 104.04 97 104.04 104.04 98 1562.58 102.06 99 1562.58 102.06 99 1562.58 104.04 99 1562.58 104.04 99 1562.58 104.04<				1 1			• •	
Image: second	720	148114 100 100 100 100 100 100 100 100 100					-low (2)	
Contraction Contraction Contraction Contraction Contraction Contraction Contraction Contraction Contraction Volume (bbl)			94	744.32	101.57	End Shut-	• •	
OW Web May 2012 Time (House) Recovery Gas Rates Length (ft) Description Volume (bbl)								
Length (ft) Description Volume (bbl) Choke (inches) Pressure (psig) Gas Rate (Mcf/d)	EAM BAM 10AM 30 Wed May 2012 Time (Houra)	11AM 12PM						
Length (ft) Description Volume (bbl) Choke (inches) Pressure (psig) Gas Rate (Mcf/d)	Recovery				Ga	s Rates		
65.00 Mud w / oil spcks in tool 0.32	Length (ft) Description	Volume (bbl)			- <u>r</u>		ure (psig) G	ias Rate (Mcf/d)
	65.00 Mud w / oil spcks in tool	0.32		We den		4		

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RILOBITE	DRILL STEM TES	T REP	ORT	,		
	Palomino Petroleum Inc.		17-9s-19v	v Rooks,K	S	
ESTING , INC	4924 SE 84th St New ton KS 67114+ 8827		Ariene #	2		
			Job Ticket:		DST#:1	I
	ATTN: Ken Wallace		Test Start:	2012.05.30 (@ 07:49:05	
GENERAL INFORMATION:						
Formation:LKC"B-D"Deviated:NoWhipstock:Time Tool Opened:09:36:10Time Test Ended:12:34:39	ft (KB)		Test Type: Tester: Unit No:	Convention Andy Carre 39		e (Initial)
Total Depth: 3328.00 ft (KB) (TV	28.00 ft (KB) (TVD) ′D) Condition: Poor		Reference Kl	⊟evations: B to GR/CF:	2050.00 2045.00 5.00	ft (CF)
Serial #:8017InsidePress@RunDepth:psigStart Date:2012.05.30Start Time:07:49:05TEST COMMENT:IF:(15min) Blow [End Date: End Time:	2012.05.30 12:34:50	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 2012.05.30	psig
ISI:(30min) No Re FF:(15min) No Blo FSI:(30min) No R Pressure vs. Ti	turn ow eturn ime		PRESSI	JRE SUMM	1ARY	
5017 Presue 100 100 100 100 100 100 100 10	Temperature 007 Temperature 000 000 000 000 000 000 000 000 000 0	Time (Min.)	Pressure Temp (psig) (deg F		on	
Recovery			G	as Rates		
Length (ft) Description 65.00 Mud w / oil spcks in tool	Volume (bbl) 0.32		Choke	(inches) Press	ure (psig) Gas	s Rate (Mcf/d)

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RILO	RITE	DRI	TOOL DIAGRA				
		Palomino	o Petroleui	m Inc.		17-9s-19w Roo	ks,KS
	TING , INC	1 7027 01	84th St KS 6711	4+ 8827		Arlene #2 Job Ticket: 47339	DST#:1
N SAN		ATTN:	Ken Walla	ace		Test Start: 2012.0	
Tool Information		4					
Drill Pipe: Length:	3045.00 ft	Diameter:	3.80	inches Volume	: 42.71 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	2.70	inches Volume	: 0.00 bbl	Weight set on P	Packer: 24000.00 lb
Drill Collar: Length:	239.58 ft	Diameter:	2.25	inches Volume	: 1.18 bbl	Weight to Pull Lo	oose: 56000.00 lb
Drill Pipe Above KB:	18.58 ft			Total Volume	: 43.89 bbl	Tool Chased	5.00 ft
Depth to Top Packer:	3286.00 ft					String Weight: I	
Depth to Bottom Packer:	ft					F	Final 46000.00 lb
Interval between Packers							
Tool Length:	62.00 ft						
-	2	Diameter:	6.75	inches			
Number of Packers: Tool Comments: Tool Description		ngth (ft)	6.75 Serial No			ccum. Lengths	
Number of Packers: Tool Comments: Tool Description Change Over Sub		ngth (ft) 1.00			3267.00	ccum. Lengths	
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool		ngth (ft) 1.00 5.00			3267.00 3272.00	ccum. Lengths	
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool		ngth (ft) 1.00 5.00 5.00			3267.00 3272.00 3277.00		Datters Of Teo Decker
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer		ngth (ft) 1.00 5.00 5.00 5.00			3267.00 3272.00 3277.00 3282.00	ccum. Lengths 20.00	Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer		ngth (ft) 1.00 5.00 5.00 5.00 4.00			3267.00 3272.00 3277.00 3282.00 3286.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb		ngth (ft) 1.00 5.00 5.00 5.00 4.00 1.00			3267.00 3272.00 3277.00 3282.00 3286.00 3287.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00			3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00 1.00	Serial No	o. Position	3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00 3290.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00	Serial No 8017	5. Position	3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00 3290.00 3290.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Recorder		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00	Serial No	5. Position	3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00 3290.00 3290.00 3290.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00 31.00	Serial No 8017	5. Position	3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00 3290.00 3290.00 3290.00 3290.00 3321.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 31.00 1.00	Serial No 8017	5. Position	3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00 3290.00 3290.00 3290.00 3290.00 3321.00 3322.00		Bottom Of Top Packer
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Drill Pipe Change Over Sub Perforations		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 31.00 1.00 3.00	Serial No 8017	5. Position	3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00 3290.00 3290.00 3290.00 3290.00 3321.00 3322.00 3325.00	20.00	
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Recorder Drill Pipe Change Over Sub Perforations Bullnose		ngth (ft) 1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 31.00 1.00	Serial No 8017	5. Position	3267.00 3272.00 3277.00 3282.00 3286.00 3287.00 3289.00 3290.00 3290.00 3290.00 3290.00 3321.00 3322.00		Bottom Of Top Packer

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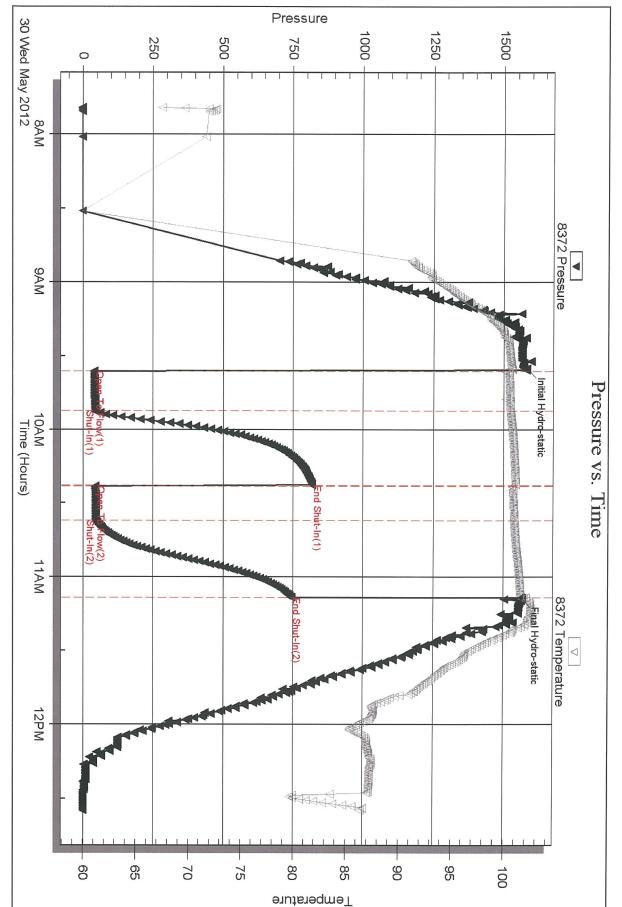
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	RILOBITE		o Petroleum Inc.		17-9s-19w	Rooks,KS		
	ESTING , INC.	102101	≣84th St ⊨KS_67114+ 8827	Arlene #2	2	DST#:1		
		ATTN:	Ken Wallace		Test Start: 2	2012.05.30 @ 0	7:49:05	
Mud and Cu	ushion Information							
	el Chem		Cushion Type:			Oil API:		deg AF
Mud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:		ppm
Viscosity:	50.00 sec/qt		Cushion Volume:		bbl			
Water Loss:	6.77 in ³		Gas Cushion Type					
Resistivity:	ohm.m		Gas Cushion Press	sure:	psig			
Salinity: Filter Cake:	1700.00 ppm inches							
Recovery In								
Recovery in	normation		Recovery Table					
	Lengt	h I	Description		Volume	7		
	ft				bbl			
		65.00	Mud w / oil spcks in tool		0.320	<u>)</u>		
	Total Length:	65.0	00 ft Total Volume:	0.320 bbl				
	Num Fluid Samp	les: 0	Num Gas Bomb	s: 0	Serial #			
	Laboratory Nam		Laboratory Loc					
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	Recovery Com							
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Ref. No: 47339



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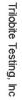
Arlene #2

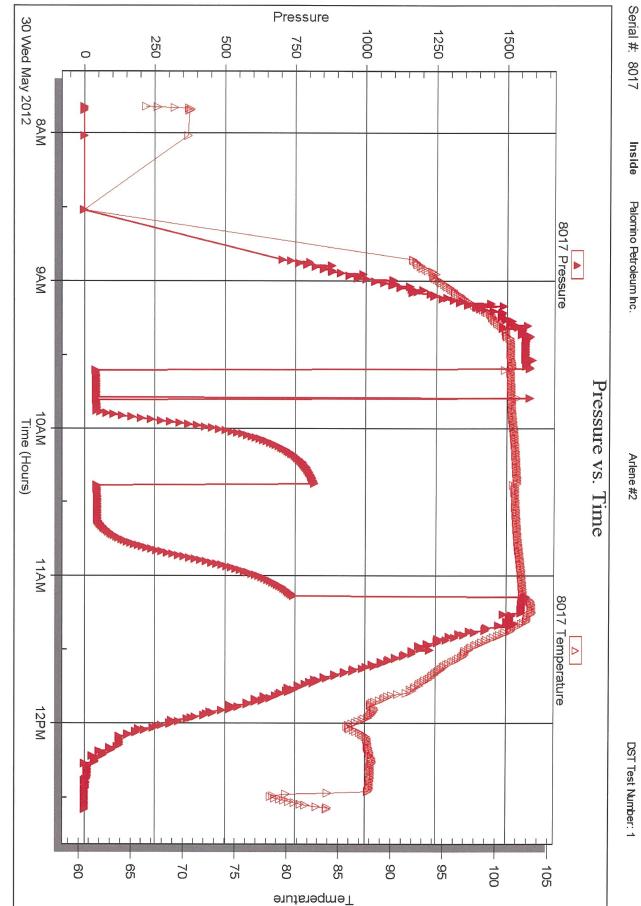
DST Test Number: 1

Serial #: 8372 Outside Palomino Petroleum Inc.

Printed: 2012.06.04 @ 16:01:23

Ref. No: 47339







DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum Inc.

4924 SE 84th St Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

Start Date: 2012.05.30 @ 23:56:05 2012.05.31 @ 05:44:50 End Date: Job Ticket #: 47340 DST #: 2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.06.04 @ 16:00:28

RILOBITE	Palomino Petroleum Inc.		17-04	-1014	Rooks,KS		
ESTING, INC.					10085,113		
	4924 SE 84th St New ton KS 67114+ 8827			n e #2 cket: 47	7340	DST#:2	2
	ATTN: Ken Wallace	Test Start: 2012.05.30 @ 23:56:0					-
GENERAL INFORMATION:	<u></u>						
Formation:LKC"H,I"Deviated:NoWhipstock:Time Tool Opened:01:53:20Time Test Ended:05:44:50	ft (KB)		Test T Tester Unit N		Conventiona Andy Carreii 39		e (Reset)
Interval: 3376.00 ft (KB) To 342 Total Depth: 3422.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	•		Refere		evations: to GR/CF:	2050.00 2045.00 5.00	ft (CF)
Serial #: 8372OutsidePress@RunDepth:141.71 psig @Start Date:2012.05.30Start Time:23:56:05	 3381.00 ft (KB) End Date: End Time: 	2012.05.31 05:44:50	Capacity: Last Calib.: Time On Btr Time Off Bt	m: 2	: 2012.05.31 (2012.05.31 (-	psig
TEST COMMENT: IF:(30min) Slow b ISI:(30min) No Ret FF:(30min) 1.5" bl FSI:(30min) No Re	urn ow	-					
Pressure vs. Tir 8372 Pressure	ne 8372 Temperature		T		RE SUMM	ARY	
1750 1000		Time (Min.) 0 2 33 63 63 94 125 126	(psig) (1654.22 17.54 96.91 877.39 100.69 141.71 854.40	100.09 102.49 104.13	Annotatio Initial Hydrc Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro	static ow (1) (1) ow (2) (2)	
Recovery			_	Gas	Rates		
Length (ft) Description	Volume (bbl)			Choke (ir	nches) Pressure	e (psig) Gas	Rate (Mcf/d)
275.00 OSMW o=tr m=15% w =85	% 1.68						

Image: Second system of the	no Petroleum Inc. SE 84th St In KS 67114+ 8827 Ken Wallace		Arle Job T	s-19w Roo ne #2 icket: 47340	ks,KS	
New to ATTN: GENERAL INFORMATION: Formation: LKC"H,I" Deviated: No Whipstock: Time Tool Opened: 01:53:20 Time Test Ended: 05:44:50 Interval: 3376.00 ft (KB) To 3422.00 ft Total Depth: 3422.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition Serial #: 8017 Inside Press@RunDepth: psig @ 30 Start Date: 2012.05.30 Etart Time: 23:56:05 TEST COMMENT: IF:(30min) Slow build to 2' ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return FSI:(30min) No Return	n KS 67114+ 8827 Ken Wallace		Job T			
ATTN: GENERAL INFORMATION: Formation: LKC"H,I" Deviated: No Whipstock: Time Tool Opened: 01:53:20 Time Test Ended: 05:44:50 Interval: 3376.00 ft (KB) To 3422.00 ft Total Depth: 3422.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition Serial #: 8017 Inside Press@RunDepth: psig @ 33 Start Date: 2012.05.30 E Start Time: 23:56:05 E TEST COMMENT: IF:(30min) Slow build to 2' ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return	Ken Wallace			ïcket: 47340		
GENERAL INFORMATION: Formation: LKC"H,I" Deviated: No Whipstock: Time Tool Opened: 01:53:20 Time Test Ended: 05:44:50 Interval: 3376.00 ft (KB) To 3422.00 ft Total Depth: 3422.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition Serial #: 8017 Inside Press@RunDepth: psig @ 33 Start Date: 2012.05.30 E Start Time: 23:56:05 E TEST COMMENT: IF:(30min) Slow build to 2'' ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return			Test			T#:2
Formation: LKC"H,I" Deviated: No Whipstock: Time Tool Opened: 01:53:20 Time Test Ended: 05:44:50 Interval: 3376.00 ft (KB) To 3422.00 ft Total Depth: 3422.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition Serial #: 8017 Inside Press@RunDepth: psig 33 Start Date: 2012.05.30 E Start Time: 23:56:05 E TEST COMMENT: IF:(30min) Slow build to 2' IS:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return				Start: 2012.0	5.30 @ 23:56:0)5
Deviated: No Whipstock: Time Tool Opened: 01:53:20 Time Test Ended: 05:44:50 Interval: 3376.00 ft (KB) To 3422.00 ft Total Depth: 3422.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Conditio Serial #: 8017 Inside Press@RunDepth: psig @ 33 Start Date: 2012.05.30 E Start Time: 23:56:05 E TEST COMMENT: IF:(30min) Slow build to 2' ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return FSI:(30min) No Return						
Total Depth: 3422.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition Serial #: 8017 Inside Press@RunDepth: psig @ 33 Start Date: 2012.05.30 E Start Time: 23:56:05 E TEST COMMENT: IF:(30min) Slow build to 2' ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return	ft (KB)		Test ⁻ Teste Unit N	r: Andy	entional Bottom Carreira	ı Hole (Reset)
Serial #: 8017 Inside Press@RunDepth: psig @ 33 Start Date: 2012.05.30 E Start Time: 23:56:05 E TEST COMMENT: IF:(30min) Slow build to 2' ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return			Refer	ence Elevatio	2045	0.00 ft (KB) 5.00 ft (CF) 5.00 ft
Press@RunDepth: psig @ 33 Start Date: 2012.05.30 E Start Time: 23:56:05 E TEST COMMENT: IF:(30min) Slow build to 2' ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return	n: Poor			KB to GR	/CF: 5	.00 ft
ISI:(30min) No Return FF:(30min) 1.5" blow FSI:(30min) No Return Pressure vs. Time	381.00 ft (KB) ind Date: ind Time:	2012.05.31 05:44:40	Capacity: Last Calib. Time On Bt Time Off B	:m:	8000 2012.05	.00 psig .31
	۵: ۲ د مېود کل د کل کل کل کل کل کل کل کل کل کل کل کل کل	Time		ESSURE S		
1900 1000	00 Temperatur 100 100 100 100 100 100 100 10	Time (Min.)		Temp Ar (deg F)	notation	
Recovery				Gas Ra	tes	
Length (ft) Description 275.00 OSMW o=tr m=15% w =85%	Volume (bbl) 1.68			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
* Recovery from multiple tests						

53

Printed: 2012.06.04 @ 16:00:29

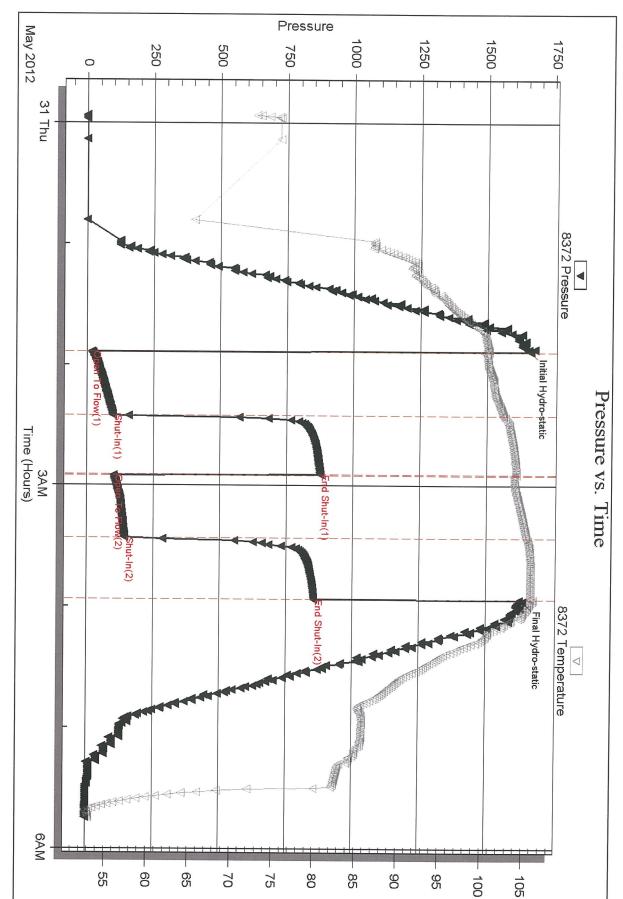
RILOBITE		Palomino	Petroleum					17-9s-19w Ro	oke K	2
ESTING		alomino	1 ou oloum					17-35-13W RU	ors, no	
		1924 SE						Arlene #2		
		New ton	KS 67114	+ 8827			,	Job Ticket: 4734	0	DST#:2
	A	ATTN: I	Ken Wallac	e				Test Start: 2012	.05.30 @	0 23:56:05
Tool Information	-									
Drill Pipe: Length: 313	36.00 ft Diar	meter:	3.80 i	nches \	Volume:	43.99 b	Ы	Tool Weight:		2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Diar	ameter:	2.70 i	nches \	Volume:	0.00 b	bl	Weight set on	Packer:	: 20000.00 lb
Drill Collar: Length: 23	39.58 ft Diar	ameter:	2.25 i	nches \	Volume:	1.18 b	bl	Weight to Pull	Loose:	54000.00 lb
Drill Pipe Above KB: 1	19.58 ft			Total	Volume:	45.17 b	bl	Tool Chased		0.00 ft
	76.00 ft							String Weight	: Initial	45000.00 lb
Depth to Bottom Packer: 337	76.00 ft								Final	46000.00 lb
	46.00 ft									
	66.00 ft									
-	2 Diar	meter:	6.75 i	nches						
Number of Packers: Tool Comments:					ition	Donth (ff)	A	um Longtho		
Number of Packers: Tool Comments: Tool Description	Length	h (ft) ያ	6.75 i Serial No.		sition	Depth (ft)	Асси	ım. Lengths		
Number of Packers: Tool Comments: Tool Description Change Over Sub	Length	h (ft) \$.00			sition	3357.00	Асси	ım. Lengths		
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool	Length 1.(5.0	h (ft) \$.00 .00			sition	3357.00 3362.00	Асси	ım. Lengths		
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool	Length 1.0 5.0 5.0	h (ft) \$.00 .00			sition	3357.00 3362.00 3367.00	Αςςι			Bottom Of Ton Packs
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer	Length 1.(5.(5.(5.(h (ft) \$.00 .00 .00 .00			sition	3357.00 3362.00 3367.00 3372.00	Αςςι	Im. Lengths 20.00		Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer	Length 1.(5.(5.(5.(4.(h (ft) \$.00 .00 .00 .00 .00			ition	3357.00 3362.00 3367.00 3372.00 3376.00	Accı			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb	Length 1.0 5.0 5.0 4.0 1.0	h (ft) \$ 00 00 00 00 00 00			sition	3357.00 3362.00 3367.00 3372.00 3376.00 3377.00	Асси			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations	Length 1.(5.(5.(4.(1.(3.(h (ft) \$.00 .00 .00 .00 .00			sition	3357.00 3362.00 3367.00 3372.00 3376.00	Accu			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub	Length 1.0 5.0 5.0 4.0 1.0 3.0 1.0	h (ft) \$.00 .00 .00 .00 .00 .00 .00		Pos	ition	3357.00 3362.00 3367.00 3372.00 3376.00 3377.00 3380.00	Accı			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Packer Stubb Perforations Change Over Sub Recorder	Length 1.0 5.0 5.0 4.0 1.0 3.0 1.0 0.0	h (ft) \$.00 .00 .00 .00 .00 .00 .00 .00	Serial No.	. Pos		3357.00 3362.00 3367.00 3372.00 3376.00 3377.00 3380.00 3381.00	Αςςι			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Recorder	Length 1.0 5.0 5.0 4.0 1.0 3.0 1.0 0.0	h (ft) \$ 000 000 000 000 000 000 000 000 000	Serial No. 8017	. Pos	Inside	3357.00 3362.00 3367.00 3372.00 3376.00 3377.00 3380.00 3381.00 3381.00	Αςςι			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Recorder Drill Pipe	Length 1.(5.(5.(1.(3.(1.(0.(0.(3.2.(h (ft) \$ 000 000 000 000 000 000 000 000 000	Serial No. 8017	. Pos	Inside	3357.00 3362.00 3367.00 3372.00 3376.00 3377.00 3380.00 3381.00 3381.00 3381.00	Accı			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub	Length 1.0 5.0 5.0 4.0 1.0 3.0 1.0 0.0 0.0 32.0 1.0	h (ft) \$.00 .00 .00 .00 .00 .00 .00 .00 .00 .0	Serial No. 8017	. Pos	Inside	3357.00 3362.00 3367.00 3372.00 3376.00 3377.00 3380.00 3381.00 3381.00 3381.00 3381.00	Accı			Bottom Of Top Packe
Number of Packers: Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub	Length 1.0 5.0 5.0 4.0 1.0 3.0 0.0 0.0 32.0 1.0 5.0	h (ft) \$ 00 00 00 00 00 00 00 00 00 00 00 00 00	Serial No. 8017	. Pos	Inside	3357.00 3362.00 3367.00 3372.00 3376.00 3377.00 3380.00 3381.00 3381.00 3381.00 3381.00 3414.00	Accu		Bot	Bottom Of Top Packe

RILOBITE	DRI	LL STEM TEST REPORT	-	FI	UID SUMMARY
	Palomir	no Petroleum Inc.	17-9s-19w R	ooks,KS	
TESTING, INC		E 84th St n KS 67114+ 8827	Arlene #2 Job Ticket: 4734	40 I	DST#:2
	ATTN:	Ken Wallace	Test Start: 2012	2.05.30 @ 23:5	6:05
Mud and Cushion Information					
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:50.00 sec/qtWater Loss:6.77 in³Resistivity:ohm.mSalinity:1700.00 ppmFilter Cake:inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:		l API: ater Salinity:	deg API 31000 ppm
Recovery Information					
		Recovery Table			
Leng	th	Description	Volume bbl		
	275.00	OSMW o=tr m=15% w =85%	1.675		
Total Length:	275	.00 ft Total Volume: 1.675 bbl			
Num Fluid Sam Laboratory Nar		Num Gas Bombs: 0 Laboratory Location:	Serial #:		
		esistivity31@ 52deg= 31000			

Printed: 2012.06.04 @ 16:00:31

Ref. No: 47340





Temperature

Arlene #2

DST Test Number: 2

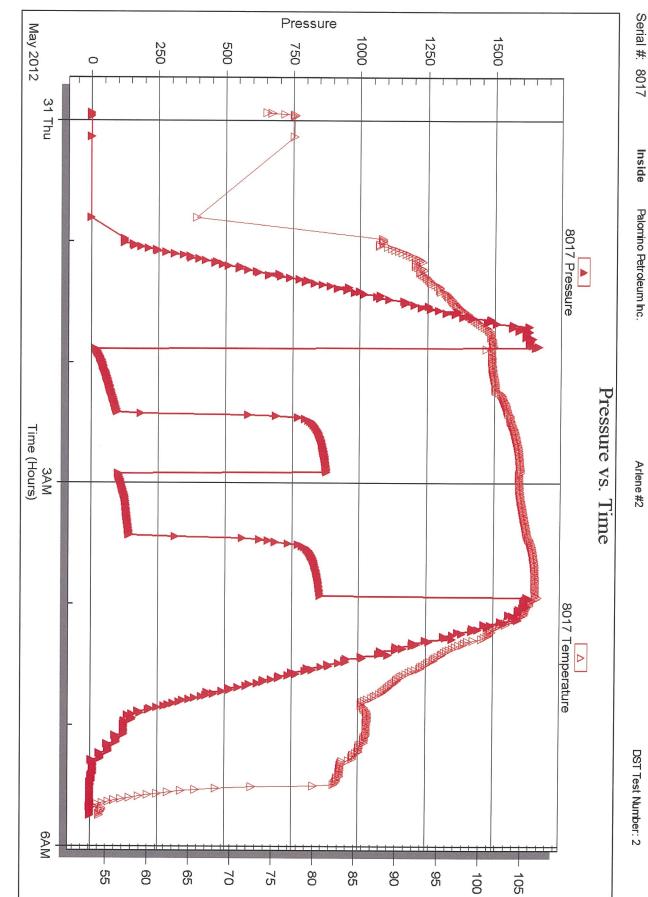
Serial #: 8372

Outside Palomino Petroleum Inc.

Printed: 2012.06.04 @ 16:00:31

Ref. No: 47340





Temperature

Arlene #2

DST Test Number: 2

Serial #: 8017



DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum Inc.

4924 SE 84th St Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

Start Date: 2012.05.31 @ 13:05:05 End Date: 2012.05.31 @ 17:13:10 Job Ticket #: 47341 DST #: 3

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.06.04 @ 15:59:23

(IN)		DRILL STEM TE	ST REP	ORT			
	RILOBITE	Palomino Petroleum Inc.		17	-9s-19w	Rooks,KS	6
	ESTING , INC.	4924 SE 84th St New ton KS 67114+ 8827 ATTN: Ken Wallace		Ar Job	lene #2 Dirticket: 4		DST#: 3
	FORMATION:						
Formation: Deviated: Time Tool Opene Time Test Ended	LKC"J,K" No Whipstock: ed: 14:34:00	ft (KB)		Tes	ster:	Conventiona Andy Carre 39	al Bottom Hole (Res ira
Interval: Total Depth: Hole Diameter:	3428.00 ft (KB) To 34 3464.00 ft (KB) (TN 7.88 inchesHole			Ref	ference E	evations: to GR/CF:	2050.00 ft (KB 2045.00 ft (CF 5.00 ft
Serial #: 837 Press@RunDept Start Date: Start Time:		@ 3429.00 ft (KB) End Date: End Time:	2012.05.31 17:13:10	Capacity Last Cali Time On Time Off	ib.: Btm:	2012.05.31	8000.00 psig 2012.05.31 @ 14:33:50 @ 15:41:10
TEST COMMI	ENT: IF:(15min) No Blo ISI:(15min) No Re FF:(15min) No Blo FSI:(15min) No R	ow					
TEST COMMI	ISI:(15min) No Re FF:(15min) No Bla FSI:(15min) No R Pressure vs. T	eturn ow eturn ime		PI	RESSUF	RE SUMM	
TEST COMMI	ISI:(15min) No Re FF:(15min) No Ble FSI:(15min) No R	eturn ow eturn	(IVIIII.) 0 1 17	Pl Pressure (psig) 1693.67 12.54 19.65	RESSUF Temp (deg F) 97.94 96.97 97.86	RE SUMM Annotatio Initial Hydro Open To F Shut-In(1)	o-static low (1)
1750	ISI:(15min) No Re FF:(15min) No Bla FSI:(15min) No R Pressure vs. T	eturn ow leturn time czcz Temperature dealtheorise: comparison of the second of the se	2 (Min.) 0 1 17 31 32 47	Pi Pressure (psig) 1693.67 12.54	RESSUF Temp (deg F) 97.94 96.97 97.86 98.18 98.05	RE SUMM Annotatio Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II	o-static Row (1) n(1) Row (2) n(2)
	ISI:(15min) No Re FF:(15min) No Bl FSI:(15min) No R Pressure vs. T	eturn ow ieturn cov cov cov cov cov cov cov cov cov cov	 (Min.) 0 1 17 31 32 47 67 	Pressure (psig) 1693.67 12.54 19.65 388.14 20.47 24.29 205.10	RESSUF Temp (deg F) 97.94 96.97 97.86 98.18 98.05 98.68 98.05	RE SUMM Annotatio Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-In	o-static Row (1) n(1) Row (2) n(2)
	ISI:(15min) No Re FF:(15min) No Bl FSI:(15min) No R Pressure vs. T	eturn ow ieturn ime 6772 Temperature 6772 Temperature 6775 Temperature 677	 (Min.) 0 1 17 31 32 47 67 	Pressure (psig) 1693.67 12.54 19.65 388.14 20.47 24.29 205.10	RESSUF Temp (deg F) 97.94 97.94 98.97 98.68 98.05 98.68 99.02 100.20	RE SUMM Annotatio Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-In	o-static Row (1) n(1) Row (2) n(2)
1750 1200 1000 1200 1000	ISI:(15min) No Re FF:(15min) No Bli FSI:(15min) No R Pressure vs. T	eturn ow eturn ime CZCZ Temperature detailed of the comparison of	 (Min.) 0 1 17 31 32 47 67 	Pressure (psig) 1693.67 12.54 19.65 388.14 20.47 24.29 205.10	RESSUF Temp (deg F) 97.94 97.94 98.97 98.68 98.05 98.68 99.02 100.20	RE SUMM Annotatio Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static Row (1) n(1) Row (2) n(2)
1750 1200 1000 1200 1000	ISI:(15min) No Re FF:(15min) No Bl FSI:(15min) No R Pressure vs. T	eturn ow eturn ime 000 200 Temperaux 000 000 000 000 000 000 000 000 000 000000	 (Min.) 0 1 17 31 32 47 67 	Pressure (psig) 1693.67 12.54 19.65 388.14 20.47 24.29 205.10	RESSUF Temp (deg F) 97.94 96.97 97.86 98.18 98.05 98.68 99.02 100.20	RE SUMM Annotatio Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static Now (1) n(1) Now (2) n(2) o-static
1750 1200 1000 1200 1000	ISI:(15min) No Re FF:(15min) No Bli FSI:(15min) No R Pressure vs. T	eturn ow eturn ime CZCZ Temperature detailed of the comparison of	 (Min.) 0 1 17 31 32 47 67 	Pressure (psig) 1693.67 12.54 19.65 388.14 20.47 24.29 205.10	RESSUF Temp (deg F) 97.94 96.97 97.86 98.18 98.05 98.68 99.02 100.20	RE SUMM Annotatio Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static Now (1) n(1) Now (2) n(2) o-static

		DRILL STEM TE	ST REP	ORT		
	RILOBITE	Palomino Petroleum Inc.		17-9s-19w	Rooks KS	
	ESTING , INC	4924 SE 84th St New ton KS 67114+ 8827 ATTN: Ken Wallace		Arlene #2 Job Ticket: 47		ST#: 3 :05
GENERAL INI					U	
Formation: Deviated: Time Tool Opene Time Test Ended:	LKC"J,K" No Whipstock: d: 14:34:00	ft (KB)		Tester:	Conventional Botto Andy Carreira 39	m Hole (Rese
Interval: 3 Total Depth: Hole Diameter:	3 428.00 ft (KB) To 34 3464.00 ft (KB) (T∖ 7.88 inchesHole			Reference ⊟e KB t	204	50.00 ft (KB) 5.00 ft (CF) 5.00 ft
Serial #: 801 Press@RunDepti Start Date: Start Time:		@ 3429.00 ft (KB) End Date: End Time:	2012.05.31 17:13:00	Capacity: Last Calib.: Time On Btm: Time Off Btm:	800 2012.0	0.00 psig 5.31
1750	Pressure vs. Ti	me 8017 Tempesture	Time (Min.)	PRESSUR Pressure Temp (psig) (deg F)	E SUMMARY Annotation	
1220			Temperature			
200	2PM SPM Transfloar		ō			
	Recovery			Gas	Rates	
Length (ft) 10.00	Description OCM o=20% m=80%	Volume (bbl) 0.05		Choke (inc	ches) Pressure (psig)	Gas Rate (Mct

		······	MTEST			TOOL DIAGR
	Palomi	no Petroleum I	Inc.		17-9s-19w Rooks,ł	<s< th=""></s<>
	4524 0	SE 84th St			Arlene #2	
	New to	on KS 67114+	· 8827		Job Ticket: 47341	DST#: 3
	ATTN:	Ken Wallace	Э		Test Start: 2012.05.31	@ 13:05:05
Tool Information						
Drill Pipe: Length: 317	71.00 ft Diameter	r: 3.80 in	iches Volume:	44.48 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Diameter	r: 2.70 in	iches Volume:	0.00 bbl	Weight set on Packe	er: 24000.00 lb
Drill Collar: Length: 23	39.58 ft Diameter	r: 2.25 in	iches Volume:	1.18 bbl	Weight to Pull Loose	e: 50000.00 lb
Drill Pipe Above KB:	2.58 ft		Total Volume:	45.66 bbl	Tool Chased	0.00 ft
•	2.58 ft 28.00 ft				String Weight: Initial	
Depth to Bottom Packer:	ft				Final	46000.00 lb
	36.00 ft					
	56.00 ft					
-		0.75				
Number of Packers:	2 Diameter	: 0./5 IN	iches			
Number of Packers: Tool Comments:	2 Diameter	: 6.75 IN	iches			
Tool Comments: Tool Description	Length (ft)		Position		Accum. Lengths	
Tool Comments: Tool Description Change Over Sub	Length (ft) 1.00			3409.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool	Length (ft) 1.00 5.00			3409.00 3414.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool	Length (ft) 1.00 5.00 5.00			3409.00 3414.00 3419.00		
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer	Length (ft) 1.00 5.00 5.00 5.00			3409.00 3414.00 3419.00 3424.00	Accum. Lengths	Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer	Length (ft) 1.00 5.00 5.00 5.00 4.00			3409.00 3414.00 3419.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb	Length (ft) 1.00 5.00 5.00 5.00 4.00 1.00			3409.00 3414.00 3419.00 3424.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder	Length (ft) 1.00 5.00 5.00 5.00 4.00			3409.00 3414.00 3419.00 3424.00 3428.00		Bottom Of Top Packe
Tool Comments: Tool Description	Length (ft) 1.00 5.00 5.00 5.00 4.00 1.00	Serial No.	Position	3409.00 3414.00 3419.00 3424.00 3428.00 3429.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder	Length (ft) 1.00 5.00 5.00 5.00 4.00 1.00 0.00	Serial No. 8017	Position	3409.00 3414.00 3419.00 3424.00 3428.00 3429.00 3429.00		Bottom Of Top Packe

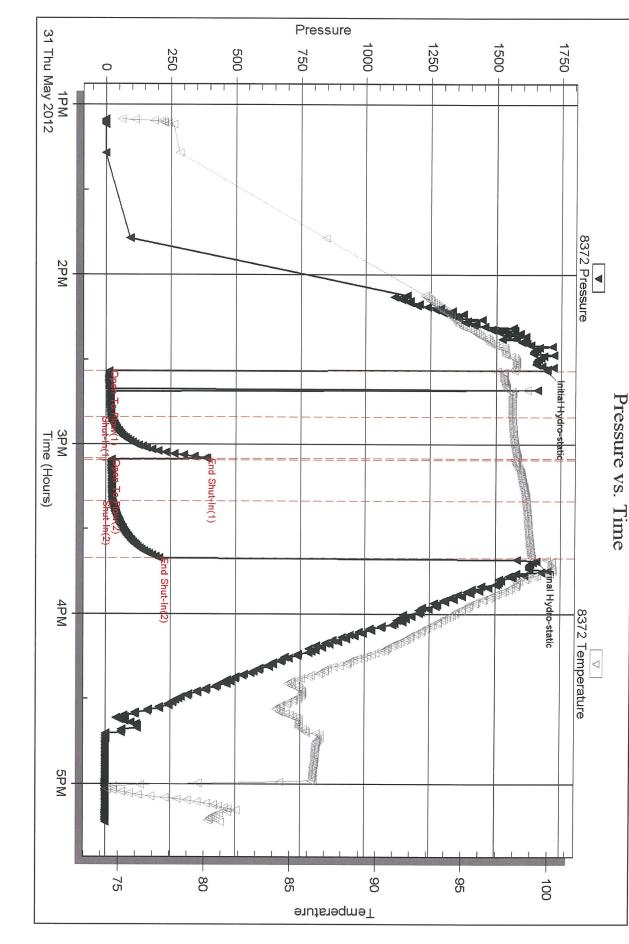
2

RILOBITE	DRILL STEM TEST REPORT	- FLUID SUMMARY
	Palomino Petroleum Inc.	17-9s-19w Rooks,KS
ESTING , INC	4924 SE 84th St New ton KS 67114+ 8827	Arlene #2 Job Ticket: 47341 DST#: 3
	ATTN: Ken Wallace	Test Start: 2012.05.31 @ 13:05:05
Mud and Cushion Information		
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 50.00 sec/qt Water Loss: 7.18 in ³ Resistivity: ohm.m Salinity: 2200.00 ppm Filter Cake: inches	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	Oil API:deg APIftWater Salinity:ppmbblpsig
Recovery Information		
Len	Recovery Table gth Description	Volume
f	10.00 HOCM 0=20% m=80%	bbl 0.049
Total Length:	10.00 ft Total Volume: 0.049 bbi	0.045
Laboratory Na Recovery Con		
Trilobite Testing, Inc	Ref. No: 47341	Printed: 2012.06.04 @ 15:59:26

Printed: 2012.06.04 @ 15:59:26

Ref. No: 47341





Serial #: 8372 Outside Palomino Petroleum Inc.

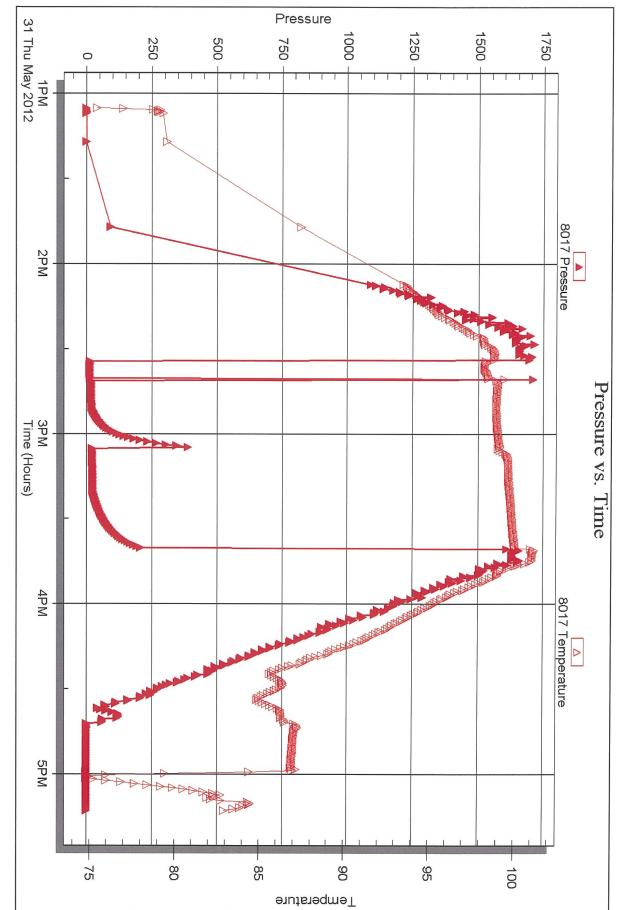
Arlene #2

DST Test Number: 3

Printed: 2012.06.04 @ 15:59:27

Ref. No: 47341





Arlene #2

DST Test Number: 3

Serial #: 8017 Inside Palomino Petroleum Inc.



DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum inc.

4924 SE 84th St Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

 Start Date:
 2012.06.01 @ 10:35:00

 End Date:
 2012.06.01 @ 16:10:15

 Job Ticket #:
 48006
 DST #:
 4

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.06.04 @ 15:56:35

E	RILOBITE	Palomino Petroleum inc.			17	-9s-19w	Rook	s,KS	
	ESTING , INC	4924 SE 84th St New ton KS 67114+ 8827				lene #2		50	
		ATTN: Ken Wallace				o Ticket: 4		נס :01 @ 10:35.	5 T#:4 00
GENERAL	INFORMATION:								
	Arbuckle No Whipstock: ened: 12:26:00 ded: 16:10:15	ft (KB)			Tes	ster:	Convei Kevin № 43		n Hole (Initial)
i nterval: Total Depth: Hole Diamete	3461.00 ft (KB) To 35 3572.00 ft (KB) (T\ r: 7.88 inchesHole				Ref	erence Ee	evation to GR/C	204	0.00 ft (KB) 5.00 ft (CF) 5.00 ft
Serial #: Press@RunD Start Date: Start Time:		 3462.00 ft (KB) End Date: End Time: 	2012.0 16:1)6.01 0:14	Capacity Last Cali Time On Time Off	ib.: Btm:		800) 2003.0 6.01 @ 12:29 6.01 @ 13:5	5:30
TEST COM	15 - FF- BOB in 7	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"		in.		RESSUE	RE SU		
-	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"		me	Pressure	Temp		IMMARY rotation	
1750	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4" 		me		·	Ann Initial		
1720	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"	- 100 - 100 - 65 - 65	ne n.) 0 1 14 45	Pressure (psig) 1770.65 99.81 199.60 1054.13	Temp (deg F) 104.55 104.23 105.93 105.91	Ann Initial Open Shut- End S	Hydro-static To Flow (1) In(1) Shut-In(1)	
1720	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4" 	- 100 - 100 - 65 - 65	me n.) 0 1 14	Pressure (psig) 1770.65 99.81 199.60	Temp (deg F) 104.55 104.23 105.93 105.91	Ann Initial Open Shut- End S Open Shut-	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2)	
	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"	Tir 105 (Mi 108 Temperature (me n.) 0 1 14 45 46 59	Pressure (psig) 1770.65 99.81 199.60 1054.13 202.97 235.74	Temp (deg F) 104.55 104.23 105.93 105.91 105.57 105.84	Ann Initial Open Shut- End S Open Shut- End S	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2)	
	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"	- 100 - 100 - 56 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8	me n.) 0 1 14 45 46 59 91	Pressure (psig) 1770.65 99.81 199.60 1054.13 202.97 235.74 1014.48	Temp (deg F) 104.55 104.23 105.93 105.91 105.57 105.84 106.21	Ann Initial Open Shut- End S Open Shut- End S	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2)	
1720 1200 1200 1200 1200 1000 700 200 0 Fri Jun 2012	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"	- 100 - 100 - 56 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8	me n.) 0 1 14 45 46 59 91	Pressure (psig) 1770.65 99.81 199.60 1054.13 202.97 235.74 1014.48	Temp (deg F) 104.55 104.23 105.93 105.91 105.57 105.84 106.21 106.65	Ann Initial Open Shut- End S Open Shut- End S	Hydro-static To Flow (1) In(1) To Flow (2) In(2) Shut-In(2) Hydro-static	
1720 1220 1220 720 220 220 5 Fi Jun 2012	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"	- 100 - 100 - 56 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8	me n.) 0 1 14 45 46 59 91	Pressure (psig) 1770.65 99.81 199.60 1054.13 202.97 235.74 1014.48	Temp (deg F) 104.55 104.23 105.93 105.91 105.57 105.84 106.21 106.65	Ann Initial Open Shut- End S Final I Final I	Hydro-static To Flow (1) In(1) To Flow (2) In(2) Shut-In(2) Hydro-static	Gas Rate (Mcf/d)
1770 1500 1200 1200 1200 100 1000 1	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T Pressure vs. T I I I I I I I I	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4" ime 0000 Temperature from temperature from temperature spm Volume (bbl) 1.18	- 100 - 100 - 56 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8	me n.) 0 1 14 45 46 59 91	Pressure (psig) 1770.65 99.81 199.60 1054.13 202.97 235.74 1014.48	Temp (deg F) 104.55 104.23 105.93 105.91 105.57 105.84 106.21 106.65	Ann Initial Open Shut- End S Final I Final I	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2) Hydro-static	Gas Rate (Mcf/d)
1720 1200 1200 1200 1000 1200 120.00	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T 0000 Pressure 1	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4"	- 100 - 100 - 56 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8	me n.) 0 1 14 45 46 59 91	Pressure (psig) 1770.65 99.81 199.60 1054.13 202.97 235.74 1014.48	Temp (deg F) 104.55 104.23 105.93 105.91 105.57 105.84 106.21 106.65	Ann Initial Open Shut- End S Final I Final I	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2) Hydro-static	Gas Rate (Mcf/d)
1720 1200 1200	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. T Pressure vs. T I I I I I I I I	rface return started at 6 min. 7 min. started at 4 min. Built to 4 3/4" ime 0000 Temperature from temperature from temperature spm Volume (bbl) 1.18	- 100 - 100 - 56 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8	me n.) 0 1 14 45 46 59 91	Pressure (psig) 1770.65 99.81 199.60 1054.13 202.97 235.74 1014.48	Temp (deg F) 104.55 104.23 105.93 105.91 105.57 105.84 106.21 106.65	Ann Initial Open Shut- End S Final I Final I	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2) Hydro-static	Gas Rate (Mcf/d)

新生	RILOBITE	Palomino Petroleum inc.		17-9s-19v	v Rooks,	KS	
	ESTING , INC.	4924 SE 84th St New ton KS 67114+ 8827		Arlene # Job Ticket:		DST#:4	
		ATTN: Ken Wallace				1 @ 10:35:00	
GENERAL IN	FORMATION:						
Formation: Deviated: Time Tool Opene Time Test Ended		ft (KB)		Test Type: Tester: Unit No:	Conventio Kevin Ma 43	onal Bottom Hole Ick	e (Initial)
nterval: Fotal Depth: Hole Diameter:	3461.00 ft (KB) To 35 3572.00 ft (KB) (TV 7.88 inchesHole			Reference K	Elevations: B to GR/CF:	2045.00	ft (CF)
Serial #: 864	48 Inside						
ress@RunDept start Date: start Time:		 3462.00 ft (KB) End Date: End Time: 	2012.06.01 16:09:29	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 2003.01.01	psig
EST COMM	15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4" 	Died at 18 min.	PRESSU	JRE SUM		
	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4"	Time (Min.)	PRESSU Pressure Temp (psig) (deg F	Annota		
	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti od Presure	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4"	Time	Pressure Temp	Annota		
	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti Dd Presure	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4"	Time (Min.) 100 80 80 85 80 80	Pressure Temp (psig) (deg F	Annota		
	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti od Presure	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4"	Time (Min.) 100 80 80 85 80 80	Pressure Temp (psig) (deg F	Annota	ation	Rate (Mrf/rl)
1720 1220 1220 720 500 200 0 11Jun 2012	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti 2000 Pressure 1000 Pressure 10	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4"	Time (Min.) 100 80 80 85 80 80	Pressure Temp (psig) (deg F	Annota	ation	Rate (Mcf/d)
1720 1200 1200 1200 200 200 200 200	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti ord Presure 12PM Time (Hours) Recovery Description	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4"	Time (Min.) 100 80 80 85 80 80	Pressure Temp (psig) (deg F	Annota	ation	Rate (Mcf/d)
1720 1200 1200 1200 1200 200 200 20	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti ord Pressure 12PM Time (Hours) Recovery Description DCM 400 60M	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4" me coll Temperature Job	Time (Min.) 100 80 80 85 80 80	Pressure Temp (psig) (deg F	Annota	ation	Rate (Mcf/d)
1720 1200 1200 1200 1200 1200 1200 1200 120	30 - IS- Weak sur 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti DOUB Pressure 12PM Time (Hous) Time (Hous) Recovery Description DCM 400 60M ACO 500 50M	face return started at 6 min. I min. tarted at 4 min. Built to 4 3/4"	Time (Min.) 100 80 80 85 80 80	Pressure Temp (psig) (deg F	Annota	ation	Rate (Mcf/d)

RILOBITE		Palomino Petroleum inc.		17-9s-	19w Rool	ks,KS	
		4924 SE 84th St New ton KS 67114+ 8827		Arlen		-	
		ATTN: Ken Wallace			ket: 48006 art: 2012.06	DS 6.01 @ 10:35:	6 T#:4
GENERAL	. INFORMATION:		<u></u>				
Formation: Deviated: Time Tool Op	Arbuckle No Whipstock: pened: 12:26:00 ded: 16:10:15	ft (KB)		Test Ty Tester: Unit No:	Kevin	entional Bottor Mack	n Hole (Initial)
Interval: Total Depth: Hole Diamete	3461.00 ft (KB) To 35 3572.00 ft (KB) (TV r: 7.88 inchesHole			Referen	nce ⊟evation KB to GR/	204	0.00 ft (KB) 5.00 ft (CF) 5.00 ft
Serial #:	8655 Below (Strad	die)					
Press@Run[Start Date: Start Time:			2012.06.01 16:08:44	Capacity: Last Calib.: Time On Btm: Time Off Btm		8000 2003.01	0.00 psig 1.01
	15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti	face return started at 6 min. E min. tarted at 4 min. Built to 4 3/4" 	Died at 18 min.	PRES		JMMARY	
	30 - IS- Weak su 15 - FF- BOB in 7 30 - FS- Return s	face return started at 6 min. E min. tarted at 4 min. Built to 4 3/4" me	Time (Min.)	Pressure Te	emp Ann	JMMARY notation	
TEST CON	30 - IS- Weak sui 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti 2000 Presue	face return started at 6 min. D min. tarted at 4 min. Built to 4 3/4"	Time	Pressure Te			
	30 - IS- Weak sui 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Tr 0000 Presure	face return started at 6 min. D min. tarted at 4 min. Built to 4 3/4"	Time (Min.) ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰	Pressure Te	emp Ann eg F)	notation	
1760 1200 720 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30 - IS- Weak sui 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Tr coco Presure	face return started at 6 min. E min. tarted at 4 min. Built to 4 3/4"	Time (Min.) ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰	Pressure Te (psig) (de	Gas Rate	notation	
	30 - IS- Weak sui 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Tr 0000 Presure	face return started at 6 min. D min. tarted at 4 min. Built to 4 3/4"	Time (Min.) ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰	Pressure Te (psig) (de	emp Ann eg F)	notation	Gas Rate (Mcf/d)
1750 1500 1220 1200	30 - IS- Weak sui 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti coop Pressure 12PM Trms (Houre) Recovery Description OCM 400 60M	face return started at 6 min. D min. tarted at 4 min. Built to 4 3/4" me coor Temperature coor Temperature sPM	Time (Min.) ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰	Pressure Te (psig) (de	Gas Rate	notation	Gas Rate (Mcf/d)
1750 1250 1250 1250 1250 1250 1250 1250 1000 1250 100 1000 1	30 - IS- Weak sui 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Ti cooperation CEPM Tree (Houp) Recovery Description	face return started at 6 min. E min. tarted at 4 min. Built to 4 3/4"	Time (Min.) ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰	Pressure Te (psig) (de	Gas Rate	notation	Gas Rate (Mcf/d)
1750 1200 1200 1200 700 200 0 1200 1200 1200 12000	30 - IS- Weak sui 15 - FF- BOB in 7 30 - FS- Return s Pressure vs. Tr 0000 Pressure 1000 Pressure vs. Tr 0000 Pressure 1000 Pressure vs. Tr 0000 P	face return started at 6 min. D min. tarted at 4 min. Built to 4 3/4" me coor Temperature coor Temperature sPM	Time (Min.) ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰	Pressure Te (psig) (de	Gas Rate	notation	Gas Rate (Mcf/d)

Trilobite Testing, Inc

Printed: 2012.06.04 @ 15:56:37

RILOE		ITE	DRILL STEM TEST REPORT TOOL D					TOOL DIAGRA	
				Petroleum	ninc.		17-9s-19w Rool	ks,KS	
	EST	I <mark>NG</mark> , INC	4924 SE	84th St			Arlene #2		
			New ton	KS 67114	+ 8827		Job Ticket: 48006		DST#:4
			ATTN:	Ken Wallad	ce		Test Start: 2012.06	6.01 @	10:35:00
Tool Information									
Drill Pipe: L	ength:	3231.00 ft	Diameter:	3.80	inches Volume:	45.32 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe: L	.ength:	0.00 ft	Diameter:	0.00 i	inches Volume:	0.00 bbl	Weight set on Pa	acker:	25000.00 lb
Drill Collar: L	.ength:	240.00 ft	Diameter:	2.25 i	nches Volume:	1.18 bbl	Weight to Pull Lo		
Drill Pipe Above KB:		31.00 ft			Total Volume:	46.50 bbl	Tool Chased		ft
Depth to Top Packer		3461.00 ft					String Weight: Ir	nitial	50000.00 lb
Depth to Bottom Pac		5401.00 ft					F	inal	52000.00 lb
Interval between Pa		111.00 ft							
Tool Length:		132.00 ft							
Number of Packers:	:	3	Diameter:	6.75 i	nches				
Tool Comments:									
Tool Description		Ler		Serial No.	Position		cum. Lengths		
Change Over Sub		Ler	1.00	Serial No.	Position	3441.00	ccum. Lengths		
Change Over Sub Shut In Tool		Ler	1.00 5.00	Serial No.	Position	3441.00 3446.00	cum. Lengths		
Change Over Sub Shut In Tool Hydraulic tool		Ler	1.00 5.00 5.00	Serial No.	Position	3441.00 3446.00 3451.00			Bottom Of Ton Packer
Change Over Sub Shut In Tool Hydraulic tool Packer		Ler	1.00 5.00	Serial No.	Position	3441.00 3446.00	cum. Lengths		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer		Ler	1.00 5.00 5.00 5.00 5.00	Serial No.	Position	3441.00 3446.00 3451.00 3456.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb		Ler	1.00 5.00 5.00 5.00 5.00	Serial No. 8648	Position	3441.00 3446.00 3451.00 3456.00 3461.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder		Ler	1.00 5.00 5.00 5.00 5.00 1.00			3441.00 3446.00 3451.00 3456.00 3461.00 3462.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder		Ler	1.00 5.00 5.00 5.00 5.00 1.00 0.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3461.00 3462.00 3462.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub		Ler	1.00 5.00 5.00 5.00 5.00 1.00 0.00 0.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3461.00 3462.00 3462.00 3462.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe			1.00 5.00 5.00 5.00 5.00 1.00 0.00 0.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3461.00 3462.00 3462.00 3462.00 3462.00 3468.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub			1.00 5.00 5.00 5.00 1.00 0.00 0.00 6.00 1.00 62.00 1.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3462.00 3462.00 3462.00 3462.00 3468.00 3468.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations			1.00 5.00 5.00 5.00 5.00 1.00 0.00 6.00 1.00 62.00 1.00 5.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3462.00 3462.00 3462.00 3462.00 3468.00 3469.00 3531.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub			1.00 5.00 5.00 5.00 5.00 5.00 0.00 0.00 0.00 6.00 1.00 62.00 1.00 5.00 1.00 62.00 1.00 5.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3462.00 3462.00 3462.00 3462.00 3468.00 3468.00 3531.00 3531.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale			1.00 5.00 5.00 5.00 5.00 5.00 0.00 0.00 0.00 6.00 1.00 62.00 1.00 5.00 1.00 62.00 1.00 4.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3462.00 3462.00 3462.00 3462.00 3468.00 3469.00 3531.00 3532.00 3537.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Stubb			1.00 5.00 5.00 5.00 5.00 5.00 0.00 0.00 0.00 6.00 1.00 62.00 1.00 5.00 1.00 4.00 1.00	8648 6799	Inside	3441.00 3446.00 3451.00 3456.00 3462.00 3462.00 3462.00 3462.00 3468.00 3469.00 3531.00 3532.00 3532.00 3537.00 3538.00 3542.00 3542.00			Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Stubb Recorder			1.00 5.00 5.00 5.00 5.00 5.00 0.00 0.00 0.00 6.00 1.00 62.00 1.00 5.00 1.00 62.00 1.00 5.00 1.00 4.00 1.00 0.00	8648	Inside	3441.00 3446.00 3451.00 3456.00 3462.00 3462.00 3462.00 3468.00 3468.00 3531.00 3532.00 3532.00 3538.00 35342.00			Bottom Of Top Packer
Change Over Sub			1.00 5.00 5.00 5.00 5.00 5.00 0.00 0.00 0.00 6.00 1.00 62.00 1.00 5.00 1.00 4.00 1.00	8648 6799	Inside Inside	3441.00 3446.00 3451.00 3456.00 3462.00 3462.00 3462.00 3462.00 3468.00 3469.00 3531.00 3532.00 3532.00 3537.00 3538.00 3542.00 3542.00			Bottom Of Top Packer

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LEV.	RILOBITE	Palomi	no Petroleum inc.	17-9s-19w	/ Rooks,KS	
翻	ESTING , INC		SE 84th St	Arlene #2	2	
建		New to	n KS 67114+ 8827	Job Ticket:	48006	DST#:4
		ATTN:	Ken Wallace	Test Start:	2012.06.01 @ 10:3	5:00
/lud and Cu	shion Information	_			······	*****
	el Chem		Cushion Type:		Oil API:	deg AF
lud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
'iscosity:	47.00 sec/qt		Cushion Volume:	bbl		
Vater Loss:	7.19 in ³		Gas Cushion Type:			
lesistivity:	0.00 ohm.m		Gas Cushion Pressure:	psig		
Salinity:	2100.00 ppm					
ilter Cake:	1.00 inches					
Recovery Ir	formation		Recovery Table			
	Leng		Description	Volume		
	ft	Jui	Description	bbl		
		240.00	OCM 40o 60M	1.18	0	
		120.00	MCO 50o 50M	1.68	3	
		60.00	MCO 70o 30M	0.84	2	
		30.00	MCO 90o 10M	0.42		
	L	0.00	30' GIP	0.00	0	
	Total Length:	450	0.00 ft Total Volume: 4.126 b	bl		
	Num Fluid Sam		Num Gas Bombs: 0	Serial #	! :	
	Laboratory Na		Laboratory Location:			
	Recovery Com	ments:				
		ments:				
		iments:				
		iments:				
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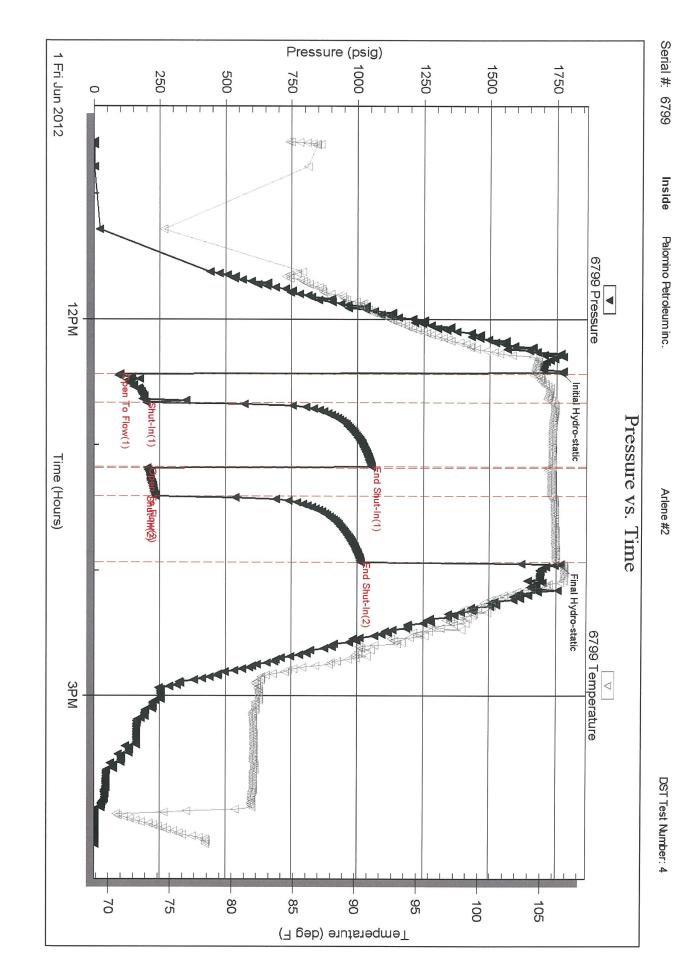
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Ref. No: 48006



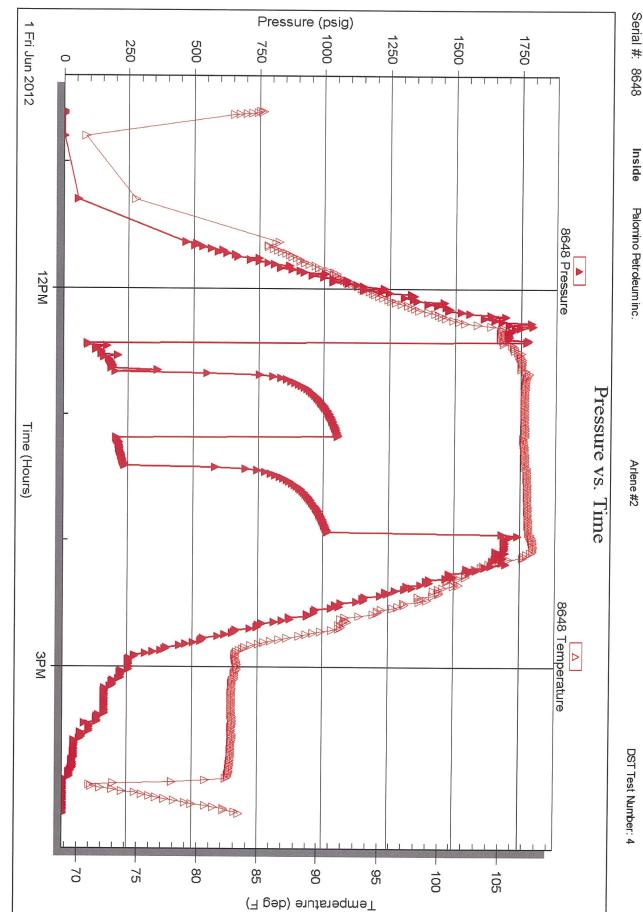
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Printed: 2012.06.04 @ 15:56:38

Ref. No: 48006





DST Test Number: 4

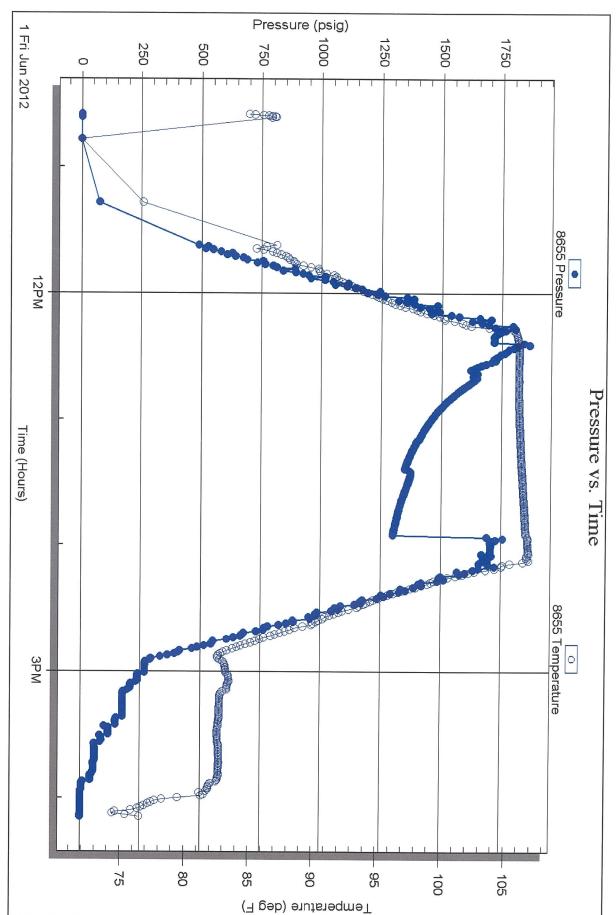
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Ref. No: 48006

Trilobite Testing, Inc

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Below (Straddule)no Petroleum inc.

Arlene #2

DST Test Number: 4

Serial #: 8655

	RILOBITE	Test Ticket				
4/10	P.O. Box 1733 • Hays, I	Kansas 67601		NO. 4	7339	
Location: Sec.	24 5E 84th St EN WALLACE 7 TWP. 75 286-3328 42 3281 3281 3328	NEWTON Rge. 19W Zone Tested <u>L</u> Drill Pipe Run Drill Collars Run Wt. Pipe Run Chlorides <u>17</u> N. Flush Fool,	- Rig _ M. co. Row KC'B Cit 3045 239.58 00 ppm	2050 114 + 880 1102 + Ks Mu Vis WL System LCI	# 2 State Ks d Wt. <u>9.0</u> 50 6.8	/ 2 GL
Rec F Rec F Rec F	NO RETURN	(06,70)	%gas %gas %gas %gas %gas	%oil %oil %oil %oil %oil	%water %water %water %water %water	%mud %mud %mud %mud %mud
Rec Total	1581 39 42 819 43 45 744 1562	Yest 1150 Jars	117.80	T-On Location T-Started T-Open T-Pulled T-Out Comments Comments Ruined	lorides onO 7:1 O O 7:4 G O 9:3 T I:0 T I:0 T I:0 T I:3 S Shale Packer Packer ppies	
Initial Shut-In	15 30	Extra Recorder Day Standby Accessibility Sub Total 1267.80 . Our F		Sub Total	0	

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the results made.

	LOBITE		Test Ticket
	ESTING INC. 20. Box 1733 • Hays, Kansas 6	7601	NO. 47340
Company Palomino Address 4924 2 Co. Rep / Geo. KE.N Location: Sec. 17	$\begin{array}{c c} & & & & \\ \hline \hline & & & \\ \hline \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline & & & \\ \hline \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline \\ \hline \hline \\ \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline$	WTON KS 67114	1 + 8627 S State KJ Mud Wt. 9.0 Vis 50 WL 6.8
FF Image: Constraint of the section	o Return OSMN	%gas TA %gas	2 %oil 85 %water /5 %mud %oil %water %mud
Rec Feet of		%gas	%oil %water %mud
Rec Feet of		%gas	%oil %water %mud
RecFeet of Rec Total75	BHT 105° Gravity 1654 W Test	%gas APIRW , 31 @ . 1150	%oil%water%mud5 2°F Chlorides31000ppmT-On Location23136
(B) First Initial Flow	7		T-Started 23.56
(C) First Final Flow $\underline{76}$	Safety	Joint	T-Open
(D) Initial Shut-In 87	7	ıb	T-Pulled
(E) Second Initial Flow	>	Standby	T-Out 05:45
(F) Second Final Flow _/4		et 76RT 117.80	Comments
(G) Final Shut-In	1	er	
(H) Final Hydrostatic		e	
		Packer	Ruined Shale Packer
Initial Open		Packer	Ruined Packer
Initial Shut-In30		Recorder	Extra Copies
Final Flow	211	andby	Sub Total 0 Total 1267.80
Final Shut-In		ibility	
		1267.80	MP/DST Disc't

RILOBI			Test	Ticket	
	733 • Hays, Kansas 67601		NO. / Ц	7341	
Well Name & No. AR ENE Company PALOMIND PE Address 4924 SE	# 2 teoling in y 84 st Newton	Test No. Elevation Ks. 671	3 2050 14+ 882	кв_204	1-12 15GL
Co. Rep / Geo. $K \ge N = U = A = A = A = A = A = A = A = A = A$	95 Rge. 1963	Rig Co. Ro	oKi	State k	Ls
Interval Tested 3428-3464 Anchor Length 36 Top Packer Depth 3423 Bottom Packer Depth 3428 Total Depth 3464 Blow Description 77: No 515 ISI 100 Retu	W, Hush, sugg, No	-0- 2200 ppr	/ Mu Vis WL n System LCI	7.2	2
Rec 10 Feet of Rec Feet of	,er	%gas %gas %gas	20 %oil %oil %oil	%water %water %water	Sd%mud %mud %mud
RecFeet of	003	%gas_gas%gas_gas%gas_gas_gas_gas_gas_gas_gas%gas_gas%gas_gas%gas%gas_agas_gas%gas_agas_gas_gas_gas_gas_gas_gas%gas_agas_gas_gas_gas%gas_agas_gas%gas_agas%gas_agas%gas_agas_gas%gas%gas_agas_gas%gas_	%oil %oil	%water %water	%mud %mud
Rec Total 10 BHT (A) Initial Hydrostatic 1693 (B) First Initial Flow 12 (C) First Final Flow 12 (D) Initial Shut-In 388 (E) Second Initial Flow 20 (F) Second Final Flow 24 (G) Final Shut-In 205 (H) Final Hydrostatic 1657 Initial Open 15 Initial Shut-In 15 Final Flow 15	 Gravity Gravity Test 1150 Jars Jars Safety Joint Circ Sub Hourly Standby Hourly Standby Mileage ← 76 / 26 Sampler Straddle Straddle Shale Packer Extra Packer Extra Recorder Day Standby 	T 117.80	T-On Location T-Started T-Open T-Out Comments Comments Ruined S	/3:05 /4:35 /5:35 /7:/3 Shale Packer Packer pies 0	
Final Shut-In 15 Approved By	C Accessibility Sub Total 1267.8	all disastratigan manya Manton - manakan kanan - ajampi aya disasta a sa dalamanan.			

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

	4	INC.		
.J. Box	1733	• Hays,	Kansas	67601

NO. 48006

Arkne #2	Test No	4 Date 6-1-12
Company Palanino Petroleum,	Elevation_	2050 KB 2045 GL
Address 4824 SE 8415 St.	Newson, KS 67	114
Co. Rep/Geo. Ken Wallace	Rig_Mc	llard the
Location: Sec. 17 Twp. 45		oks State KS
Interval Tested 3461-3542	Zone Tested Arbu	ukie
Anchor Length	Drill Pipe Run 32	31Mud Wt4
Top Packer Depth	Drill Collars Run	240 Vis 47
Bottom Packer Depth 8842 3461 - 3542	Preskie Wt. Pipe Run	00 WL 7.2
Total Depth3572	Chloridesp	om System LCM
Blow Description IF - BoB in 7 m.	እ.	-
IS- Weak Surface	Return Sturted at 6 mi	n. Died at 18 min.
FF- BoB in 7 mi	n.	
FS- Return Sturted	at 4 min. Built to	4 3/4 "
Rec Feet of	%gas	20 %oil %water 16 %mud
Rec 60 Feet of MCO	%gas	26 %oil %water 30 %mud
Rec 20 Feet of <u>MCD</u>	%gas ,	So %oil %water 56 %mud
Rec 240 Feet of 6CM	%gas	40 %oil %water 60 %mud
Rec Feet of	%gas	%oil %water %mud
Rec Total 450 BHT 106	_ Gravity API RW	_@°F Chloridesppm
(A) Initial Hydrostatic/770	Test 1150	T-On Location 9:50 Am
(B) First Initial Flow 99	D Jars	T-Started 10:35 AM
(C) First Final Flow 199	Safety Joint	T-Open 12:25 PM
(D) Initial Shut-In	2 Circ Sub/	T-Pulled 1:55 PM
(E) Second Initial Flow 202	Hourly Standby	- T-Out PM
(F) Second Final Flow235	A Mileage 220 RF 11	Comments <u>30' GPP</u>
(G) Final Shut-In 1014	Sampler	
(H) Final Hydrostatic	Straddle_ 600	D Ruined Shale Packer
	Shale Packer	
Initial Open	Extra Packer	
Initial Shut-In30	Extra Recorder	
Final Flow	Day Standby	
Final Shut-In 30	Accessibility	
	Sub Total 1867.80	
Approved By		

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Summary of Changes

Lease Name and Number: Arlene 2

API/Permit #: 15-163-24043-00-00

Doc ID: 1166425

Correction Number: 1

Approved By: Deanna Garrison

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Deanna Garrison
Approved Date	08/28/2012	11/01/2013
Completion Or Recompletion Date	06/02/2012	06/21/2012
Producing Formation	Mississippian Arbuckle	Arbuckle
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=10 88924	//kcc/detail/operatorE ditDetail.cfm?docID=11 66425

Summary of Attachments

Lease Name and Number: Arlene 2 API: 15-163-24043-00-00 Doc ID: 1166425 Correction Number: 1 Attachment Name

Arlene #2